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ALUMINA PRODUCTS

Development of the ATH/ACH process for production of ceramic aluminas in grades LSA, HPA, and SPA progressed from bench scale work to pilot scale production in 250# lots (ACH basis). A flow sheet for a process capable of producing the three grades was developed and the unit operations tested on lab or pilot scale to a sufficient extent to give a high degree of confidence in the viability of the process. Continued up-dating of the economic analysis has shown very favorable results. Design of a 1 tpd demonstration plant was initiated and will be incorporated into an AFC scheduled to be completed by the end of February 1984.